

INTERMOUNTAIN GENERATING STATION
Rt. 1, Box 864
Delta, Utah 84624

Telephone (801) 864-4414

RESULTS OF THE JUNE 14-20, 1988
RELATIVE ACCURACY TESTS
UNIT 1 CEMS
SCRUBBER INLET AND STACK

REFERENCE METHODS AND REPORTING BY
IPSC'S ENVIRONMENTAL DEPARTMENT

Submitted to:

UTAH BUREAU OF AIR QUALITY
P.O. Box 16690
Salt Lake City, Utah 84116
Attention: Burnell Cordner

Approved by:

S. Gale Chapman
President & Chief Operations Officer

IP9_000075

1. SUMMARY

Relative Accuracy tests were conducted on IGS Unit 1 June 14-20, 1988. The test results met the specifications set in 40 CFR Appendix B and are as follows:

<u>Analyzer</u>	<u>Serial No.</u>	<u>c.c.</u>	<u>d.</u>	<u>Relative Accuracy %</u>
Stack SO2	86-721A-6245-5	.00837	.00189	14.9
O2	C026776-1	.09985	.11670	3.7
NOx	16553-162	.00330	.01056	3.5
Inlet SO2	86-721A-6245-3	.03703	.01956	6.0
O2	C026344-1	.18532	.26667	8.9
NOx	19309-183	.00209	.00700	2.2

% Relative Accuracy = The absolute mean difference of the gas concentration or emission rate determined by the CEMS and the value determined by the Reference Method (RM) plus the 2.5 percent error confidence coefficient of a series of tests divided by the mean of the RM.

c.c. = 95% confidence coefficient.

d. = mean of the difference between the RM and the CEM data.

Criteria For Excessive Inaccuracy - The RA of the CEMS must be no greater than 20% of the mean value of the RM test data in terms of the standard.

INTERMOUNTAIN GENERATING STATION

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RESULTS OF THE JUNE 15-17, 1988
RELATIVE ACCURACY TESTS
UNIT 2 CEMS
SCRUBBER INLET AND STACK

REFERENCE METHODS AND REPORTING BY
IPSC'S ENVIRONMENTAL DEPARTMENT

Submitted to:

UTAH BUREAU OF AIR QUALITY
P.O. Box 16690
Salt Lake City, Utah 84116

Attention: Burnell Cordner

Approved by:

S. Gale Chapman
President & Chief Operations Officer

IP9_000077

1. SUMMARY

Relative Accuracy tests were conducted on IGS Unit 2 June 15-17, 1988. The test results met the specifications set in 40 CFR Appendix B and are as follows:

<u>Analyzer</u>	<u>Serial No.</u>	<u>c.c.</u>	<u>d.</u>	<u>Relative Accuracy %</u>
Stack SO2	86-721A-6245-2	.01020	.00044	15.2
O2	C026776-3	.16531	.08330	4.1
NOx	16514-162	.00486	.00578	2.8
Inlet SO2	86-721A-6245-1	.03090	.01244	4.9
O2	C026776-4	.27581	.10000	7.4
NOx	19312-182	.01330	.01730	8.0

% Relative Accuracy = The absolute mean difference of the gas concentration or emission rate determined by the CEMS and the value determined by the Reference Method (RM) plus the 2.5 percent error confidence coefficient of a series of tests divided by the mean of the RM.

c.c. = 95% confidence coefficient.

d. = mean of the difference between the RM and the CEM data.

Criteria For Excessive Inaccuracy - The RA of the CEMS must be no greater than 20% of the mean value of the RM test data in terms of the standard.